AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A channel memory device in a broadcasting signal processor, comprising: *any (arbitrary)*

a key input for inputting a channel number according to a user's selection;

a tuner for tuning to ~~a~~ *the* channel corresponding to the channel number selected by the key input, among received broadcasting signals;

a signal processor for processing a composite video signal of said channel tuned and output from the tuner;

a memory for storing the channel number; and

a controller for receiving the channel number output from the key input and storing the channel number output from the key input in the memory while controlling the tuner to tune to a broadcasting channel corresponding to the received channel number~~,~~

wherein the controller receives a signal output from the signal processor, determines whether a broadcasting signal is present in the currently tuned broadcasting channel and stores the corresponding broadcasting channel number in the memory only if said broadcasting signal is present.

2. (canceled).

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3.　　(previously presented): The channel memory device according to claim 1, further

comprising:

a character signal generator for generating a character signal for indicating the

memorization of the channel number selected by the key input;

a mixer for mixing a signal output from the signal processor with a signal output from the

character signal generator; and

a display for displaying a signal output from the mixer.

4.　　(previously presented): The channel memory device according to claim 3,

wherein the controller controls the character signal generator to generate a current broadcasting

channel number and a character signal indicating the memorization of the channel number, so

that said user can easily identify the memorized broadcasting channel.

5.　　(currently amended): A channel memory device in a broadcasting signal

processor, comprising:

a key input for inputting a channel number according to a user's selection;

a tuner for tuning to a channel corresponding to the channel number selected by the key

input, among received broadcasting signals;

a signal processor for processing a composite video signal of said channel tuned and

output from the tuner;

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a memory for storing the channel number; and

a controller for receiving the channel number output from the key input and automatically storing the channel number output from the key input in the memory while controlling the tuner to tune to a broadcasting channel corresponding to the received channel number-,

wherein the controller receives a signal output from the signal processor, determines whether a broadcasting signal is present in the currently tuned broadcasting channel and stores the corresponding broadcasting channel number in the memory only if said broadcasting signal is present.

6.   (canceled).

7.   (previously presented): The channel memory device according to claim 5, further comprising:

a character signal generator for generating a character signal for indicating the memorization of the channel number selected by the key input;

a mixer for mixing a signal output from the signal processor with a signal output from the character signal generator; and

a display for displaying a signal output from the mixer.

8.   (previously presented): The channel memory device according to claim 7, wherein the controller controls the character signal generator to generate a current broadcasting

channel number and a character signal indicating the memorization of the channel number, so

that said user can easily identify the memorized broadcasting channel.